

The texts examine the integration of face recognition technology and Internet of Things (IoT) solutions in healthcare and robotics, emphasizing their potential to enhance patient care and operational efficiency. Various innovations are discussed, including a robot using face recognition for receptionist and security roles, a Universal Medical Face Identification system for streamlined patient identification, and IoT devices for medication reminders. The review highlights the advantages of facial recognition systems using deep learning techniques like Convolutional Neural Networks (CNNs) for improved accuracy, as well as the development of the REMICARE app for medication adherence during the COVID-19 pandemic. Additionally, systems like the MEDBOT robot facilitate medication delivery to vulnerable populations, while grooming reminders leverage image processing for self-care. Overall, these advancements underscore the transformative role of robotics and AI in improving medication management, patient engagement, and healthcare delivery, addressing traditional challenges and promoting a patient-centered approach.